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| <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b><br><i>(Use as many sheets as necessary)</i> |   |    |   | Application Number       | 10/014,112        |
| Sheet  | 1 | of | 3 | Filing Date              | December 11, 2001 |
|  |   |    |   | First Named Inventor     | Harold A. Ludtke  |
|  |   |    |   | Art Unit                 | 3621              |
|  |   |    |   | Examiner Name            | S. A. Cangialosi  |
|  |   |    |   | Attorney Docket Number   | SONY 3.0-020      |

| U.S. PATENT DOCUMENTS |                       |   |                                |  |   |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials*    | Cite No. <sup>1</sup> | Document Number<br>Number-Kind Code <sup>2</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
| SC                    | AA                    | US-2002/0147914   | 10-10-2002                     | Arnold   |   |
| SC                    | AB                    | US-3,741,214  | 01-18-2001                     | smith  |   |
| SC                    | AC                    | US-4,766,293  | 08/1988                        | Boston, Vincent                                    |   |
| SC                    | AD                    | US-5,056,019  | 10-08-1991                     | Schultz, et al.                                    |   |
| SC                    | AE                    | US-5,173,851-A  | 12/1992                        | OFF ET AL.   |   |
| SC                    | AF                    | US-5,256,863-A  | 10/1993                        | FERGUSON ET AL.                                    |   |
| SC                    | AG                    | US-5,436,972  | 07-25-1995                     | Fischer  |   |
| SC                    | AH                    | US-5,537,314  | 07-16-1996                     | MARK W. KANTER                                     |   |
| SC                    | AI                    | US-5,545,139  | 08-13-1996                     | Kriesel  | ?   |
| SC                    | AJ                    | US-5,557,541  | 09-17-1996                     | Schulhof et al.                                    |   |
| SC                    | AK                    | US-5,561,709  | 10-01-1996                     | Remillard  |   |
| SC                    | AL                    | US-5,650,761  | 07/1997                        | Gomm et al.  |   |
| SC                    | AM                    | US-5,710,887  | 01-20-1998                     | Chelliah, et al.                                   |   |
| SC                    | AN                    | US-5,734,838  | 03-31-1998                     | Robinson, et al.                                   |   |
| SC                    | AO                    | US-5,778,068  | 07-07-1998                     | Johnson et al.                                     |   |
| SC                    | AP                    | US-5,809,212  | 09-15-1998                     | Shasha   |   |
| SC                    | AQ                    | US-5,815,665  | 09-29-1998                     | Teper et al.                                       |   |
| SC                    | AR                    | US-5,825,876  | 10-20-1998                     | Peterson, Jr.                                      |   |
| SC                    | AS                    | US-5,878,139  | 03-02-1999                     | Rosen  |   |
| SC                    | AT                    | US-5,878,235  | 03-02-1999                     | Porterfield et al.                                 |   |
| SC                    | AU                    | US-5,884,271  | 03-16-1999                     | Pitroda  |   |
| SC                    | AV                    | US-5,884,272  | 03-16-1999                     | Walker et al.                                      |   |
| SC                    | AW                    | US-5,892,900  | 04-06-1999                     | Ginter et al.                                      |   |
| SC                    | AX                    | US-5,897,622  | 04-27-1999                     | Blinn, et al.                                      |   |
| SC                    | AY                    | US-5,915,022-A  | 06/1999                        | ROBINSON ET AL.                                    |   |
| SC                    | AZ                    | US-5,923,016  | 07-13-1999                     | Fredregill, et al.                                 |   |
| SC                    | AA1                   | US-5,926,624  | 07-20-1999                     | Katz et al.  |   |
| SC                    | AB1                   | US-5,926,798  | 07-20-1999                     | Carter   |   |
| SC                    | AC1                   | US-5,948,040  | 09-07-1999                     | DeLorme, et al.                                    |   |
| SC                    | AD1                   | US-5,956,699  | 09-21-1999                     | Wong et al.  |   |
| SC                    | AE1                   | US-5,966,704  | 10-12-1999                     | Furegati et al.                                    |   |
| SC                    | AF1                   | US-6,000,832  | 12-14-1999                     | Franklin et al.                                    |   |
| SC                    | AG1                   | US-6,003,014  | 12/1999                        | Lee et al.   |   |
| SC                    | AH1                   | US-6,006,200  | 12-21-1999                     | Boies et al.                                       |   |
| SC                    | AI1                   | US-6,009,415  | 12-28-1999                     | Shurling, et al.                                   |   |
| SC                    | AJ1                   | US-6,012,039  | 01-04-2000                     | Hoffman, et al.                                    |   |
| SC                    | AK1                   | US-6,016,476  | 01-18-2000                     | Maes et al.  |   |
| SC                    | AL1                   | US-6,018,724  | 01-25-2000                     | Arent  |   |
| SC                    | AM1                   | US-6,023,679  | 02-08-2000                     | Acebo, et al.                                      |   |
| SC                    | AN1                   | US-6,047,268  | 04-04-2000                     | Bartoli et al.                                     |   |
| SC                    | AO1                   | US-6,047,269  | 04-04-2000                     | Biffar   |   |
| SC                    | AP1                   | US-6,076,075  | 06/2000                        | Teicher, Mordechai                                 |   |
| SC                    | AQ1                   | US-6,078,891-A  | 06/2000                        | RIORDAN ET AL.                                     |   |
| SC                    | AR1                   | US-6,085,178  | 07-04-2000                     | Bigus et al.                                       |   |
| SC                    | AS1                   | US-6,088,731  | 07-11-2000                     | Kiraly et al.                                      |   |
| SC                    | AT1                   | US-6,128,602  | 10-03-2000                     | Northington et al.                                 |   |

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| Examiner Signature | S. Cangialosi | Date Considered | 6/05 |
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|  |   |    |   |  | Examiner Name          | S. A. Cangialosi  |
| Sheet  | 2 | of | 3 |  | Attorney Docket Number | SONY 3.0-020      |

|     |     |                 |            |                    |  |
|-----|-----|-----------------|------------|--------------------|--|
| SYC | AU1 | US-6,129,274-A  | 10/2000    | SUZUKI, HIKANU     |  |
| SYC | AV1 | US-6,138,911    | 10-31-2000 | Fredregill, et al. |  |
| SYC | AW1 | US-6,141,754    | 10-31-2000 | Choy               |  |
| SYC | AX1 | US-6,148,241    | 11-14-2000 | Ludtke et al.      |  |
| SYC | AY1 | US-6,151,600-A  | 11/2000    | DEDRICK, RICK      |  |
| SYC | AZ1 | US-6,163,772    | 12-19-2000 | Kramer, et al.     |  |
| SYC | AA2 | US-6,226,618    | 05-01-2001 | Downs et al.       |  |
| SYC | AB2 | US-6,279,112-B1 | 08/2001    | O'TOOLE ET AL.     |  |
| SYC | AC2 | US-6,282,653    | 08-28-2001 | Berstis et al.     |  |
| SYC | AD2 | US-6,356,905    | 03-12-2002 | Gershman et al.    |  |
| SYC | AE2 | US-6,366,953    | 04-02-2002 | Inoue              |  |
| SYC | AF2 | US-6,370,629    | 04-09-2002 | Hastings et al.    |  |
| SYC | AG2 | US-6,434,535    | 08-13-2002 | Kupka et al.       |  |
| SYC | AH2 | US-6,529,885    | 03-04-2003 | Johnson            |  |
| SYC | AI2 | US-6,556,976    | 04-29-2003 | Callen             |  |
| SYC | AJ2 | US-6,574,607    | 06-03-2003 | Carter et al.      |  |
| SYC | AK2 | US-6,578,014    | 06-10-2003 | Murcko, Jr.        |  |
| SYC | AL2 | US-6,592,044    | 07-15-2003 | Wong et al.        |  |

| FOREIGN PATENT DOCUMENTS |                       |  |                                |  |   |                |
|--------------------------|-----------------------|--|--------------------------------|--|---|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document<br>Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>4</sup> (if known) | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>5</sup> |
| BA                       | TW-87107650           |  | 02-01-1999                     | Ritter   |   |                |
| BB                       | TW-351799             |  | 02-04-1999                     | Rudolf Ritter                                      |   |                |
| BC                       | EP-0917119A2          |  | 05-19-1999                     |  |   |                |

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| NON PATENT LITERATURE DOCUMENTS |                       |   |  |  |  |  |
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| SYC                             | CA                    | U.S. Patent Application No. 10/014,112, filed December 11, 2001, entitled "System And Method For Conducting Secure Transactions Over A Network".  |  |  |  |  |
| SYC                             | CB                    | U.S. Patent Application No. 10/015,070, filed December 11, 2001, entitled "Method And System Of Conducting Network-Based Transactions".   |  |  |  |  |
| SYC                             | CC                    | U.S. Patent Application No. 09/483,584, filed December 11, 2000, entitled "Secure Electronic Commerce System".  |  |  |  |  |
|                                 | CD                    | DRURY, Demand Jumps For High-Tech Producer, Business First, 22 October 2001, Vol. 18, No. 3, page 1.  |  |  |  |  |
|                                 | CE                    | PACK, Traditional Retailers Plan Interactive Stores, Orlando Sentinel, May 25, 1995.  |  |  |  |  |
| SYC                             | CH                    | U.S. Patent Application No. 10/014,960, filed December 11, 2001, entitled "Method And System For Executing Deferred Transactions".  |  |  |  |  |
| SYC                             | CK                    | Co-pending Patent No. 09/466,965, Authentication System, Fingerprint Identification Unit, and Authentication Method, filed December 20, 1999.   |  |  |  |  |

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| SMC                   | AA                    | US-2001/00449061-A1   | 11-22-2001                     | KANEVSKY et al.                                    |   |
| SMC                   | AD                    | US-5,280,527  | 01/1994                        | Gullman et al.                                     |   |
| SMC                   | AU                    | US-6,167,517  | 12-26-2000                     | Gilchrist et al.                                   |   |
| SMC                   | AV                    | US-6,269,348-B1   | 07-31-2001                     | Pare, Jr. et al.                                   |   |
| SMC                   | AW                    | US-6,270,011-B1   | 08-07-2001                     | Gottfried  |   |
| SMC                   | AZ                    | US-6,615,264-B1   | 09-02-2003                     | Stoltz et al.                                      |   |
| SMC                   | AA1                   | US-6,662,166-B2   | 12-09-2003                     | Pare, Jr. et al.                                   |   |

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